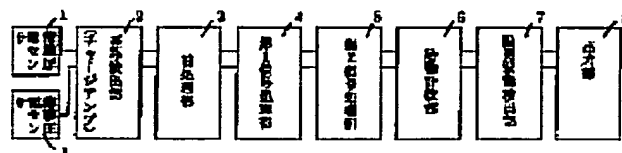


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**FETAL MOVEMENT INSTRUMENT****Publication number:** JP11089832**Publication date:** 1999-04-06**Inventor:** SUMIMOTO KAZUHIRO; KIRIYUU TOORU;  
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MIYAHARA RYOKO**Applicant:** DAIKIN IND LTD**Classification:****- international:** **A61B5/00; A61B7/04; A61B10/00; A61B5/00;  
A61B7/00; A61B10/00; (IPC1-7): A61B7/04; A61B5/00;  
A61B10/00****- European:****Application number:** JP19970256805 19970922**Priority number(s):** JP19970256805 19970922**Report a data error here****Abstract of JP11089832**

**PROBLEM TO BE SOLVED:** To exactly detect the state of a fetus while facilitating acceptance for a pregnant woman and improving accuracy in the detection of fetal movement. **SOLUTION:** Noise removing processing is performed by supplying output signals from plural membrane piezoelectric sensors 1 to a 1st signal processing part 4, noise removed signals are supplied to a 2nd signal processing part 5, their levels are compared with a preset prescribed threshold value, a signal caused by the fetal movement is detected, this fetal movement signal is supplied to a fetal movement counting part 6 and counted, the measured number of fetal movement signals is supplied to a fetus state detecting part 7, and it is detected whether the fetus is healthy or dangerous.



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